



<b>FORM 1449</b> <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number 30448.77USD1	Application Number 10/797,371
	Applicant Adam J. Katz et al.	
	Filing Date March 9, 2004	Group Art Unit 1642

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>LLH</i>	5,486,359	January 23, 1996 (Exhibit 1)	Caplan, et al.			
<i>LLH</i>	5,728,739	March 17, 1998 (Exhibit 2)	Ailhaud et al.			
<i>LLH</i>	5,827,740	October 27, 1998 (Exhibit 3)	Pittenger			
<i>LLH</i>	5,827,897	October 27, 1998 (Exhibit 4)	Ailhaud, et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>LLH</i>	WO 98/04682	February 5, 1998 (Exhibit 5)	US				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>LLH</i>	Considine, et al., "Paracrine stimulation of preadipocyte-enriched cell cultures by mature adipocytes," <i>American Journal of Physiology</i> 1996 270(5) E895-E899 (Exhibit 6)
<i>LLH</i>	Dani, et al., "Differentiation of embryonic stem cells into adipocytes in vitro," <i>J. Cell Sci.</i> 1997 110, 1279-1285 (Exhibit 7)
<i>LLH</i>	Entenmann, et al., "Relationship between replication and differentiation cultured human adipocyte precursor cells," <i>American Phys.Soc.</i> 1996 270,C1011-C1016 (Exhibit 8)
<i>LLH</i>	Eslami Varzaneh, et al., "Extracellular Matrix Components Secreted by Microvascular Endothelial Cells Stimulate Preadipocyte Differentiation In Vitro," <i>Metabolism</i> 1994 43 (7), 906-912 (Exhibit 9)
<i>LLH</i>	Hauner, et al., "Endothelin-1 Inhibits the Adipose Differentiation of Cultured Human Adipocyte Precursor Cells," <i>Metabolism</i> 1994 43(2) pp 227-232 (Exhibit 10)
<i>LLH</i>	Hausman, et al., "The Influence of Extracellular Matrix Substrata on Preadipocyte Development in Serum-Free Cultures of Stromal-Vascular Cells," <i>J. Anim.Sci.</i> 1996 74(9), 2117-2128 (Exhibit 11)
<i>LLH</i>	Hui-Ling et al., "Increased expression of G in mouse embryo stem cells promotes terminal differentiation to adipocytes," <i>American Physiological Society</i> 1993 265(6), C1729-C1735 (Exhibit 12)
<i>LLH</i>	Marko, et al., "Isolation of a Preadipocyte Cell Line from Rat Bone Marrow and Differentiation to Adipocytes," <i>Endocrinology</i> 1995 136(10), 4582-4588 (Exhibit 13)
<i>LLH</i>	Shillabeer, et al., "A novel method for studying preadipocyte differentiation in vitro," <i>Intl. J. Obesity</i> 1996 20(Supp. 3), S77-S83 (Exhibit 14)
<i>LLH</i>	Sorisky et al., "From preadipocyte to Adipocyte: Differentiation-Directed Signals of Insulin from the Cell Surface to the Nucleus," <i>Critical Review in Clinical Laboratory Sciences</i> 1999 36(1), 1-34 (Exhibit 15)

EXAMINER <i>Anna R. Harvey</i>	DATE CONSIDERED <i>8/8/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

FORM 1449\*

## INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

(Use several sheets if necessary)

Docket Number

**30448.77USD1**

Application Number

**10/797,371**

**Applicant**

Adam J. Katz et al.

Filing Date

**March 9, 2004**

### Group Art Unit

1642

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

[illegible]

**EXAMINER**

Sara L. Harvey

DATE CONSIDERED

28/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

\*Substitute Disclosure Statement Form (PTO-1449) Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number 30448.77USD1	Application Number 10/797,371
	Applicant Adam J. Katz et al.	
	Filing Date March 9, 2004	Group Art Unit 1642

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	5,226,914 (Exhibit 19)	07/13/93	Caplan et al.			11/16/90
<i>[Signature]</i>	5,736,396 (Exhibit 20)	04/07/98	Bruder et al.			01/24/95
<i>[Signature]</i>	5,811,094 (Exhibit 21)	09/22/98	Caplan et al.			04/11/95
<i>[Signature]</i>	5,817,050 (Exhibit 22)	10/06/98	Klein			05/29/97
<i>[Signature]</i>	5,908,784 (Exhibit 23)	06/01/99	Johnstone et al.			11/15/96

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>[Signature]</i>	WO97/18299 (Exhibit 24)	05/22/97	PCT				X
<i>[Signature]</i>	WO97/39104 (Exhibit 25)	10/23/97	PCT				X
<i>[Signature]</i>	WO97/40137 (Exhibit 26)	10/30/97	PCT				X
<i>[Signature]</i>	WO97/41208 (Exhibit 27)	11/06/97	PCT				X
<i>[Signature]</i>	WO98/20731 (Exhibit 28)	05/22/98	PCT				X
<i>[Signature]</i>	WO98/32333 (Exhibit 29)	07/30/98	PCT				X
<i>[Signature]</i>	WO98/51317 (Exhibit 30)	11/19/98	PCT				X
<i>[Signature]</i>	WO99/01145 (Exhibit 31)	01/14/99	PCT				X
<i>[Signature]</i>	WO99/03973 (Exhibit 32)	01/28/99	PCT				X
<i>[Signature]</i>	WO99/11789 (Exhibit 33)	03/11/99	PCT				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>[Signature]</i>		Bastard, J. P. et al., "A Mini-Liposuction Technique Adapted to the Study of Human Adipocyte Glucose Transport System," <i>Diabetologia</i> , 36(Suppl. 1):A135, 1993 (Exhibit 34)
<i>[Signature]</i>		Caplan, Arnold I., "The Mesengenic Process," <i>Clinics in Plastic Surgery</i> , 21:429-35, 1994 (Exhibit 35)
<i>[Signature]</i>		Crandall, David L. et al., "Identification of Estrogen Receptor $\beta$ RNA in Human Breast and Abdominal Subcutaneous Adipose Tissue," <i>Biochemical and Biophysical Research Communications</i> , 248:523-6, 1998 (Exhibit 36)

EXAMINER: <i>Sara L. Garvey</i>	DATE CONSIDERED: <i>8/8/05</i>
------------------------------------	-----------------------------------

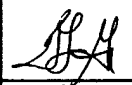

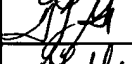
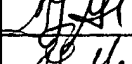
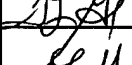
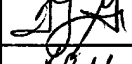
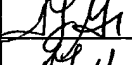
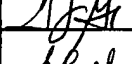

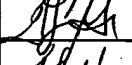
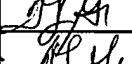
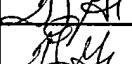
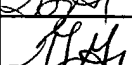
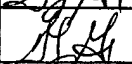


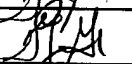
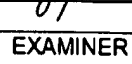
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

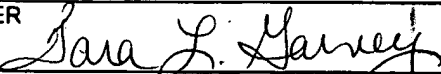
\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	<b>Docket Number</b> 30448.77USD1	<b>Application Number</b> 10/797,371
	<b>Applicant</b> Adam J. Katz et al.	
	<b>Filing Date</b> March 9, 2004	<b>Group Art Unit</b> 1642

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Hauner, Hans et al., "Promoting Effect of Glucocorticoids on the Differentiation of Human Adipocyte Precursor Cells Cultured in a Chemically Defined Medium," <i>Journal of Clinical Investigation</i> , 84:1663-70, 1989 (Exhibit 37)
	Hauner H. et al., "Glucocorticoids and Insulin Promote the Differentiation of Human Adipocyte Precursor Cells into Fat Cells," <i>Journal of Clinical Endocrinology and Metabolism</i> , 64:832-5, 1987 (Exhibit 38)
	Johnson, P. R. et al., "Uncontrolled adipocyte proliferation is not the primary lesion in the genetically-obese Zucker rat," <i>International Journal of Obesity</i> , 5:563-70, 1981 (Exhibit 39)
	Killinger, D. W. et al., "Influence of Adipose Tissue Distribution on the Biological Activity of Androgens," <i>Annals New York Academy of Sciences</i> , 595:199-211, 1990 (Exhibit 40)
	Killinger, Donald W. et al., "The Relationship Between Aromatase Activity and Body Fat Distribution," <i>Steroids</i> , 50:61-72, 1987 (Exhibit 41)
	Lafontan, M. et al., "Réflexions sur une nouvelle approche de chirurgie plastique réparatrice: la réimplantation de fragments de tissu adipeux prélevés par liposuction," <i>Ann. Chur. Plast. Esthet.</i> , 34:77-81, 1989 (Exhibit 42)
	Lam, Anson and Ronald Moy, "The Potential for Fat Transplantation," <i>J. Dermatol. Surg. Oncol.</i> , 18:432-4, 1992 (Exhibit 43)
	Lecoeur, L. and J. P. Ouhayoun, "In vitro induction of osteogenic differentiation from non-osteogenic mesenchymal cells," <i>Biomaterials</i> , 18:989-93, 1997 (Exhibit 44)
	Loncar, D., "Ultrastructural analysis of differentiation of rat endoderm in vitro. Adipose vascular-stromal cells induce endoderm differentiation, which in turn induces differentiation of the vascular-stromal cells into chondrocytes," <i>J. Submicrosc. Cytol. Pathol.</i> , 24:509-19, 1992 (Exhibit 45)
	Novakofski, Jan E., "Primary Cell Culture of Adipose Tissue," <i>Biology of the Adipocyte: Research Approaches</i> , Van Nostrand Reinhold Company, NY, 1987 160-97 (Exhibit 46)
	Pedersen, S. B. et al., "Identification of oestrogen receptors and oestrogen receptor mRNA in human adipose tissue," <i>European Journal of Clinical Investigation</i> , 26:262-9, 1996 (Exhibit 47)
	Pettersson, Per et al., "Adipocyte Precursor Cells in Obese and Nonobese Humans," <i>Metabolism</i> , 34:808-12, 1985 (Exhibit 48)
	Ramsay, T. G. et al., "Pre-Adipocyte Proliferation and Differentiation in Response to Hormone Supplementation of Decapitated Fetal Pig Sera," <i>J. Anim. Sci.</i> , 64:735-44, 1987 (Exhibit 49)
	Rubens, F. D. et al., "Tissue Factor Expression by Cells Used for Seeding of Prosthetic Vascular Grafts," <i>Journal of Surgical Research</i> , 72:22-8, 1997 (Exhibit 50)
	Smahel, J., "Aspiration lipectomy and adipose tissue injection: pathophysiologic commentary," <i>European Journal of Plastic Surgery</i> , 14:126-31, 1991 (Exhibit 51)
	Springhorn, Jeremy P. et al., "Human Capillary Endothelial Cells from Abdominal Wall Adipose Tissue: Isolation Using an Anti-Pecan Antibody," <i>In Vitro Cellular &amp; Developmental Biology-Animal</i> , 31:473-81, 1995 (Exhibit 52)
	Tavassoli, Mehdi, "In Vivo Development of Adipose Tissue Following Implantation of Lipid-Depleted Cultured Adipocyte," <i>Experimental Cell Research</i> , 137:55-62, 1982 (Exhibit 53)
	Williams, John T. et al., "Cells Isolated from Adult Human Skeletal Muscle Capable of Differentiating into Multiple Mesodermal Phenotypes," <i>The American Surgeon</i> , 65:22-6, 1999 (Exhibit 54)

<b>EXAMINER</b> 	<b>DATE CONSIDERED</b> 8/8/05
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	<b>Docket Number</b> 30448.77USD1	<b>Application Number</b> 10/797,371
	<b>Applicant</b> Adam J. Katz et al.	
	<b>Filing Date</b> March 9, 2004	<b>Group Art Unit</b> 1642

[illegible]

EXAMINER <i>Sara L. Garvey</i>	DATE CONSIDERED <i>8/8/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number	Application Number
	30448.77USD1	10/797,371
	Applicant	
	Adam J. Katz et al.	
Filing Date	Group Art Unit	
March 9, 2004	1642	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	5,591,625 (Exhibit 57)	January 7, 1997	Gerson, et al.			
<i>JS</i>	5,786,207 (Exhibit 58)	July 28, 1998	Katz, et al.			
<i>JS</i>	5,827,735 (Exhibit 59)	October 27, 1998	Young, et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JS</i>		Grigoradis A., et al., 1988 <i>J. Cell Biol.</i> "Differentiation of Muscle, Fat, Cartilage, and Bone from Progenitor Cells Present in a Bone-derived Clonal Cell Population: Effect of Dexamethasone," 106: 2139-2151 (Exhibit 60)

EXAMINER <i>Rosa L. Harvey</i>	DATE CONSIDERED <i>8/8/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449) Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE


<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number	Application Number
	30448.77USD1	10/797,371
	Applicant	
	Adam J. Katz et al.	
	Filing Date	Group Art Unit
	March 9, 2004	1642

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>[Signature]</i>	WO 99/28444 (Exhibit 61)	June 10, 1999	PCT				
<i>[Signature]</i>	WO 99/02654 (Exhibit 62)	January 21, 1999	PCT				
<i>[Signature]</i>	WO 00/53795 (Exhibit 70)	September 14, 2000	PCT				
<i>[Signature]</i>	WO 01/62901 A2 (Exhibit 71)	August 30, 2001	PCT				
<i>[Signature]</i>	WO 01/21767 A2 (Exhibit 72)	March 29, 2001	PCT				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>[Signature]</i>		Bennett, JH, et al., 1991 <i>J. Cell Sci.</i> "Adipocytic cells cultured from marrow have osteogenic potential," 99(Pt1):131-139 (Exhibit 63)					
<i>[Signature]</i>		Bond et al., 1999, "Human Subcutaneouspreadipocytes Differentiate Into osteoblasts," <i>FASEB Journal</i> 13:600A (Exhibit 64)					
<i>[Signature]</i>		Smith et al., 2000, "Mesenchymal Stem Cells Derived From Bone Marrow And Human Adipose Tissue Exhibit Multilineage Potential," <i>Journal of Investigative Medicine</i> , 95A. (Exhibit 65)					
<i>[Signature]</i>		Stashower et al., 1999, "Stromal progenitor cells present within liposuction and reduction abdominoplasty fat for autologous transfer to aged skin," <i>Dermatologic Surgery</i> , 25:12:945-949. (Exhibit 66)					
<i>[Signature]</i>		Strutt et al., 1996, "Growth and differentiation of human adipose stromal cells in culture," <i>methods in Molecular Medicine: Human Cell Culture Protocols</i> , 41-51. (Exhibit 67)					
<i>[Signature]</i>		Tavassoli et al., 1981, "The Nature of Fibroblasts Derived From Adipose Tissue In-Vitro," <i>Clinical Research</i> , 29:5:871A. (Exhibit 68)					
<i>[Signature]</i>		Van et al., 1978, "Complete Differentiation of Adipocyte Precursors," <i>Cell Tissue</i> , 195:317-329. (Exhibit 69)					
<i>[Signature]</i>		Zuk, et al., 2001 "Multilineage cells from human adipose tissue: implications for cell-based therapies," <i>Tissue Engineering</i> , 7:211-228. (Exhibit 73)					

EXAMINER <i>Lana L. Harvey</i>	DATE CONSIDERED <i>8/8/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not-considered. Include copy of this form for next communication to the Applicant.	





<b>FORM 1449*</b> 	<b>Docket Number</b> 30448.77USD1	<b>Application Number</b> 10/797,371
	<b>Applicant</b> Adam J. Katz et al.	
	<b>Filing Date</b> March 9, 2004	<b>Group Art Unit</b> 1636

**INFORMATION DISCLOSURE STATEMENT  
IN AN APPLICATION**

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>LLH</i>	5,854,292 (Exhibit 75)	12/29/98	Ailhaud et al.			01/22/97
<i>LLH</i>	5,906,934 (Exhibit 76)	05/25/99	Grande et al.			03/14/95
<i>LLH</i>	5,688,531 (Exhibit 133)	11/18/97	Benayahu et al.			12/23/94

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>LLH</i>	WO 97/26326 (Exhibit 86)	07/24/97	PCT				X

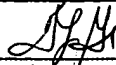
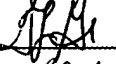
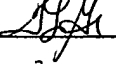
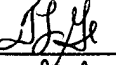
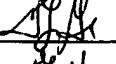
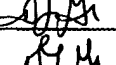
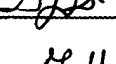
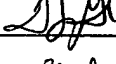


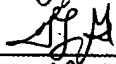
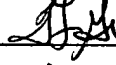


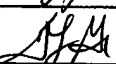
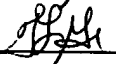
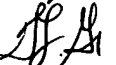
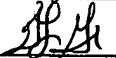
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>LLH</i>		Ailhaud, G. et al., "Hormonal Requirements for Growth and Differentiation of OB17 Preadipocyte Cells <i>In Vitro</i> ," <i>Diabete &amp; Metabolisme</i> , 1983, 9:125-33 (Exhibit 77)
<i>LLH</i>		Ailhaud, G. et al., "Lipoprotéine lipase et différenciation adipocytaire," <i>Reprod. Nutr. Develop.</i> , 1985, 25:153-8 (Exhibit 78)
<i>LLH</i>		Fridman, Rafael et al., "Malignant Transformation of NIH-3T3 Cells After Subcutaneous Co-Injection With A Reconstituted Basement Membrane (Matrigel)," <i>International Journal of Cancer</i> , 1992, 51:740-4 (Exhibit 79)
<i>LLH</i>		Gimble, Jeffery M., "Adipose tissue-derived therapeutics," <i>Expert Opin. Biol. Ther.</i> , 2003, 3:705-13 (Exhibit 80)
<i>LLH</i>		Probst, M. et al., "Homologous bladder augmentation in dog with the bladder acellular matrix graft," <i>BJU International</i> , 2000, 85:362-71 (Exhibit 81)
<i>LLH</i>		Soda, Ryo and Mehdi Tavassoli, "Adipocyte Stem Cell: A Brief Review," <i>International Journal of Cell Cloning</i> , 1983, 1:79-84 (Exhibit 82)
<i>LLH</i>		Vukicevic, Slobodan et al., "Identification of Multiple Active Growth Factors in Basement Membrane Matrigel Suggests Caution in Interpretation of Cellular Activity Related to Extracellular Matrix Components," <i>Experimental Cell Research</i> , 1992, 202:1-8 (Exhibit 83)
<i>LLH</i>		Wakitani, Shigeyuki et al., "Myogenic Cells Derived from Rat Bone Marrow Mesenchymal Stem Cells Exposed to 5-Azacytidine," <i>Muscle &amp; Nerve</i> , 1995, 18:1417-26 (Exhibit 84)
<i>LLH</i>		Zuk, Patricia A. et al., "Human Adipose Tissue Is A Source of Multipotent Stem Cells," <i>Molecular Biology of the Cell</i> , 2002, 13:4279-95 (Exhibit 85)
<i>LLH</i>		Copy of Compliant For Correction Of Inventorship Under 35 U.S.C. § 51 and 256 dated October 29, 2004 (Exhibit 87)
<i>LLH</i>		Copy of Answer To Compliant For Correction of Inventorship Under 35 U.S.C. § 256 and Demand For Jury Trial dated January 5, 2005 (Exhibit 88)
<i>LLH</i>		Ng, C.W. et al., "Differences in Growth <i>in vitro</i> of Adipose Cells From Normal and Obese Patients," <i>Nature</i> , 1971, 231:445 (Exhibit 89)

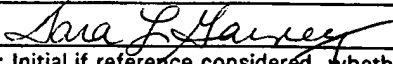
<b>EXAMINER</b> <i>Sara L. Harvey</i>	<b>DATE CONSIDERED</b> <i>4/15/05</i>
<b>EXAMINER:</b> Initial if reference considered whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number 30448.77USD1	Application Number 10/797,371
	Applicant Adam J. Katz et al.	
	Filing Date March 9, 2004	Group Art Unit 1636

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Poznanski, W. J. et al., "Human Fat Cell Precursors: Morphologic and Metabolic Differentiation in Culture," <i>Laboratory Investigation</i> , 1973, 29:570-6 (Exhibit 90)
		Friedenstein, Alexander J., et al., "Fibroblast Precursors in Normal and Irradiated Mouse Hematopoietic Organs," <i>Exp. Hemat.</i> , 1976, 4:267-74 (Exhibit 91)
		Van, Robin L. R. et al., "Cytological and Enzymological Characterization of Adult Human Adipocyte Precursors in Culture," <i>The Journal of Clinical Investigation</i> , 1976, 58:699-704 (Exhibit 92)
		Van, Robin L. R. and A. K. Roncari, "Complete Differentiation of Adipocyte Precursors: A Culture System for Studying the Cellular Nature of Adipose Tissue," <i>Cell Tiss. Res.</i> , 1978, 195:317-29 (Exhibit 93)
		Green, Howard and Olaniyi Kehinde, "Formation of Normally Differentiated Subcutaneous Fat Pads by an Established Preadipose Cell Line," <i>J. Cell. Physiol.</i> , 1979, 101:169-72 (Exhibit 94)
		Roncari, Daniel A. K. et al., "Exaggerated Replication in Culture of Adipocyte Precursors From Massively Obese Persons," <i>Metabolism</i> , 1981, 30:425-7 (Exhibit 95)
		Van, Robin L. R. and Daniel A. K. Roncari, "Complete differentiation in vivo of implanted cultured adipocyte precursors from adult rats," <i>Cell Tissue Res</i> , 1982, 225:557-66 (Exhibit 96)
		Fried, Susan K. and John G. Kral, "Sex Differences in Regional Distribution of Fat Cell Size and Lipoprotein Lipase Activity in Morbidly Obese Patients," <i>International Journal of Obesity</i> , 1987, 11:129-40 (Exhibit 97)
		Hausman, G. J. and G. B. Thomas, "Structural and Histochemical Aspects of Perirenal Adipose Tissue in Fetal Pigs: Relationships Between Stromal-Vascular Characteristics and Fat Cell Concentration and Enzyme Activity," <i>Journal of Morphology</i> , 1986, 190:271-83 (Exhibit 98)
		Deslex, Sylviane et al., "Development of a Chemically Defined Serum-free Medium for Differentiation of Rat Adipose Precursor Cells," <i>Experimental Cell Research</i> , 1987, 168:15-30 (Exhibit 99)
		Lau, D. C. W. et al., "Release of Mitogenic Factors by Cultured Preadipocytes from Massively Obese Human Subjects," <i>J. Clin. Invest.</i> , 1987, 79:632-6 (Exhibit 100)
		Silverman, K. J. et al., "Angiogenic Activity of Adipose Tissue," <i>Biochemical and Biophysical Research Communications</i> , 1988, 153:347-52 (Exhibit 101)
		Hauner, H. et al., "Differentiation of Adipocyte Precursor Cells from Obese and Nonobese Adult Women and from Different Adipose Tissue Sites," <i>Horm. Metab. Res. Suppl.</i> , 1989, 19:35-9 (Exhibit 102)
		Bruder, Scott P. et al., "Osteochondral differentiation and the emergence of stage-specific osteogenic cell-surface molecules by bone marrow cells in diffusion chambers," <i>Bone and Mineral</i> , 1990, 11:141-51 (Exhibit 103)
		Dobson, Deborah E. et al., "1-Butyryl-Glycerol: A Novel Angiogenesis Factor Secreted by Differentiating Adipocytes," <i>Cell</i> , 1990, 61:223-30 (Exhibit 104)
		Lau, David C. W. et al., "Influence of Paracrine Factors on Preadipocyte Replication and Differentiation," <i>International Journal of Obesity</i> , 1990, 14(Suppl. 3):193-201 (Exhibit 105)
		Hauner, Hans and Gero Entenmann, "Regional variation of adipose differentiation in cultured stromal-vascular cells from the abdominal and femoral adipose tissue of obese women," <i>International Journal of Obesity</i> , 1991, 15:121-6 (Exhibit 106)
		Claffey, Kevin P. et al., "Vascular Endothelial Growth Factor," <i>The Journal of Biological Chemistry</i> , 1992, 267:16317-22 (Exhibit 107)

EXAMINER 	DATE CONSIDERED 7/15/05
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	<b>Docket Number</b> 30448.77USD1	<b>Application Number</b> 10/797,371
	<b>Applicant</b> Adam J. Katz et al.	
	<b>Filing Date</b> March 9, 2004	<b>Group Art Unit</b> 1636

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
LLH		Eppley, Barry L. et al., "Autologous Facial Fat Transplantation: Improved Graft Maintenance by Microbead Bioactivation," <i>J Oral Maxillofac Surg</i> , 1992, 50:477-82 (Exhibit 108)
LLH		Folkman, Judah and Yuen Shing, "Control of Angiogenesis by Heparin and Other Sulfated Polysaccharides," <i>Heparin and Related Polysaccharides</i> , 1992, D. A. Lane et al. (eds.), Plenum Press, New York, NY, pp. 355-64 (Exhibit 109)
LLH		Ibrahimi, Azeddine et al., "Essential Role of Collagens for Terminal Differentiation of Preadipocytes," <i>Biochemical and Biophysical Research Communications</i> , 1992, 187:1314-22 (Exhibit 110)
LLH		Teichert-Kuliszewska, Krystyna et al., "Augmented Production of Heparin-binding Mitogenic Proteins by Preadipocytes from Massively Obese Persons," <i>J. Clin. Invest.</i> , 1992, 90:1226-31 (Exhibit 111)
LLH		Zocchi, Michele, "Ultrasonic Liposculpturing," <i>Aesthetic Plastic Surgery</i> , 1992, 16:287-98 (Exhibit 112)
LLH		Fried, Susan K. et al., "Lipoprotein Lipase Regulation by Insulin and Glucocorticoid in Subcutaneous and Omental Adipose Tissues of Obese Women and Men," <i>J. Clin. Invest.</i> , 1993, 92:2191-8 (Exhibit 113)
LLH		Petruschke, Th. and H. Hauner, "Tumor Necrosis Factor- $\alpha$ Prevents the Differentiation of Human Adipocyte Precursor Cells and Causes Delipidation of Newly Developed Fat Cells," <i>Journal of Clinical Endocrinology and Metabolism</i> , 1993, 76:742-7 (Exhibit 114)
LLH		Bruder, Scott P. et al., "Mesenchymal Stem Cells in Bone Development, Bone Repair, and Skeletal Regeneration Therapy," <i>Journal of Cellular Biochemistry</i> , 1994, 56:283-94 (Exhibit 115)
LLH		Butterwith, S. C., "Molecular Events in Adipocyte Development," <i>Pharmac. Ther.</i> , 1994, 61:399-411 (Exhibit 116)
LLH		Kim, Nam W. et al., "Specific Association of Human Telomerase Activity with Immortal Cells and Cancer," <i>Science</i> , 1994, 266:2011-5 (Exhibit 117)
LLH		Tontonoz, Peter et al., "Adipocyte-specific transcription factor ARF6 is a heterodimeric complex of two nuclear hormone receptors, PPAR $\gamma$ and RXR $\alpha$ ," <i>Nucleic Acids Research</i> , 1994, 22:5628-34 (Exhibit 118)
LLH		van de Venter, Maryna et al., "Catecholamine Stimulated Lipolysis in Differentiated Human Preadipocytes in a Serum-Free, Defined Medium," <i>Journal of Cellular Biochemistry</i> , 1994, 54:1-10 (Exhibit 119)
LLH		Coleman, Sydney R., "Long-Term Survival of Fat Transplants: Controlled Demonstrations," <i>Aesthetic Plastic Surgery</i> , 1995, 19:421-5 (Exhibit 120)
LLH		Hauner, H. et al., "Effects of epidermal growth factor (EGF), platelet-derived growth factor (PDGF) and fibroblast growth factor (FGF) on human adipocyte development and function," <i>European Journal of Clinical Investigation</i> , 1995, 25:90-6 (Exhibit 121)
LLH		Kliwer, Steven A. et al., "A Prostaglandin J $_2$ Metabolite Binds Peroxisome Proliferator-Activator Receptor and Promotes Adipocyte Differentiation," <i>Cell</i> , 1995, 83:813-9 (Exhibit 122)
LLH		Moore, John H. et al., "Viability of Fat Obtained by Syringe Suction Lipectomy: Effects of Local Anesthesia with Lidocaine," <i>Aesthetic Plastic Surgery</i> , 1995, 19:335-9 (Exhibit 123)
LLH		Schor, A. M. et al., "Pericyte Differentiation," <i>Clinical Orthopaedics and Related Research</i> , 1995, 313:81-91 (Exhibit 124)

<b>EXAMINER</b> <i>Sara L. Harvey</i>	<b>DATE CONSIDERED</b> <i>1/15/05</i>
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FORM 1449*</b>	<b>Docket Number</b>	<b>Application Number</b>
<b>INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION</b>  (Use several sheets if necessary)	30448.77USD1	10/797,371
	<b>Applicant</b>	
	Adam J. Katz et al.	
	<b>Filing Date</b>	<b>Group Art Unit</b>
	March 9, 2004	1636

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Zhu, Yijun et al., "Structural organization of mouse peroxisome proliferator-activated receptor $\gamma$ (mPPAR $\gamma$ ) gene: Alternative promoter use and different splicing yield two mPPAR $\gamma$ isoforms," <i>Proceedings of the National Academy of Sciences USA</i> , 1995, 92:7921-5 (Exhibit 125)
		Ashkenas, John et al., "The Extracellular Matrix in Epithelial Biology: Shared Molecules and Common Themes in Distant Phyla," <i>Developmental Biology</i> , 1996, 180:433-44 (Exhibit 126)
		Brun, Regina P. et al., "Differential activation of adipogenesis by multiple PPAR isoforms," <i>Genes &amp; Development</i> , 1996, 10:974-84 (Exhibit 127)
		Gibbs, W. Wayt, "Gaining on Fat," <i>Scientific American</i> , 1996, pp. 88-94 (Exhibit 128)
		Guerrerosantos, Jose, "Autologous Fat Grafting for Body Contouring," <i>Clinics in Plastic Surgery</i> , 1996, 23:619-31 (Exhibit 129)
		Haraida, Sibylle et al., "Distribution of Basement Membrane Components in Normal Adipose Tissue and in Benign and Malignant Tumors of Lipomatous Origin," <i>Modern Pathology</i> , 1996, 9:137-44 (Exhibit 130)
		Hirschi, Karen K. and Patricia A. D'Amore, "Pericytes in the microvasculature," <i>Cardiovascular Research</i> , 1996, 32:687-98 (Exhibit 131)
		Werb, Zena et al., "Extracellular matrix remodeling and the regulation of epithelial-stromal interactions during differentiation and involution," <i>Kidney International</i> , 1996, 49(Suppl. 54):S68-74 (Exhibit 132)
		Adams, Maria et al., "Activators of Peroxisome Proliferator-activated Receptor $\gamma$ Have Depot-specific Effects on Human Preadipocyte Differentiation," <i>J. Clin. Invest.</i> , 1997, 100:3149-53 (Exhibit 134)
		Crandall, David L. et al., "A Review of the Microcirculation of Adipose Tissue: Anatomic, Metabolic and Angiogenic Perspectives," <i>Microcirculation</i> , 1997, 4:211-32 (Exhibit 135)
		Dodson, M. V. et al., "The development and utility of a defined muscle and fat co-culture system," <i>Tissue &amp; Cell</i> , 1997, 29:517-24 (Exhibit 136)
		Aubin, Jane E., "Bone Stem Cells," <i>Journal of Cellular Biochemistry Supplements</i> , 1998, 30/31:73-82 (Exhibit 137)
		Kawaguchi, Nobuko et al., "De novo adipogenesis in mice at the site of injection of basement membrane and basic fibroblast growth factor," <i>Proceedings of the National Academy of Sciences USA</i> , 1998, 95:1062-6 (Exhibit 138)
		Kim, Jae Bum et al., "ADD1/SREBP1 activates PPAR $\gamma$ through the production of endogenous ligand," <i>Proceedings of the National Academy of Science USA</i> , 1998, 95:4333-7 (Exhibit 139)
		Novaes, Flavio et al., "Counting Method of Live Fat Cells Used in Lipoinjection Procedures," <i>Aesthetic Plastic Surgery</i> , 1998, 22:12-5 (Exhibit 140)
		Patrick, Charles W., Jr. et al., "Tissue Engineered Adipose Tissue," <i>Frontiers in Tissue Engineering</i> , 1998, Charles W. Patrick et al. (eds.), Pergamon, Houston, TX, pp. 369-82 (Exhibit 141)
		Spiegelman, B. M., "PPAR- $\gamma$ : Adipogenic Regulator and Thiazolidinedione Receptor," <i>Diabetes</i> , 1998, 47:507-14 (Exhibit 142)
		Bond, A. et al., "Human subcutaneous preadipocytes differentiate into osteoblasts," <i>FASEB</i> , 1999, Abstract, 13:A600 (Exhibit 143)
		Ghilon, R. et al., "Stromal Mesenchymal Progenitor Cells," <i>Leukemia and Lymphoma</i> , 1999, 32:211-21 (Exhibit 144)

<b>EXAMINER</b>	<b>DATE CONSIDERED</b> 7/15/05
<b>EXAMINER:</b> Initial if reference considered whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

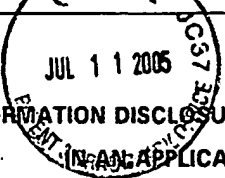
\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

<b>FORM 1449*</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	<b>Docket Number</b> 30448.77USD1	<b>Application Number</b> 10/797,371
	<b>Applicant</b> Adam J. Katz et al.	
	<b>Filing Date</b> March 9, 2004	<b>Group Art Unit</b> 1636

[illegible]

EXAMINER <u>Sara L. Garvey</u>	DATE CONSIDERED <u>2/15/05</u>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b>   <b>INFORMATION DISCLOSURE STATEMENT</b> <b>(IN PCT APPLICATION)</b>  (Use several sheets if necessary)	Docket Number 30448.77USD1	Application Number 10/797,371
	Applicant Adam J. Katz et al.	
	Filing Date March 9, 2004	Group Art Unit 1636

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	6,391,297 (Exhibit 156)	12/21/02	Halvorsen			12/01/98
<i>[Signature]</i>	6,200,606 (Exhibit 158)	03/13/01	Peterson et al.			07/14/97

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
<i>[Signature]</i>		Yoo, Jung U. et al., "The Chondrogenic Potential of Human Bone-Marrow-Derived Mesenchymal Progenitor Cells," <i>Journal of Bone and Joint Surgery</i> , 1998, 80:1745-57 (Exhibit 152)
<i>[Signature]</i>		Varzaneh, F. Eslami et al., "Extracellular Matrix Components Secreted by Microvascular Endothelial Cells Stimulate Preadipocyte Differentiation In Vitro," <i>Metabolism</i> , 1994, 43:906-12 (Exhibit 153)
<i>[Signature]</i>		Mackay, Alastair M. et al., "Chondrogenic Differentiation of Cultured Human Mesenchymal Stem Cells from Marrow," <i>Tissue Engineering</i> , 1998, 4:415-28 (Exhibit 154)
<i>[Signature]</i>		Cryer, Anthony and Robin L. R. Van, "Characterization of the collagen types synthesized by human and rat adipocyte precursors in vitro," <i>European Journal of Clinical Investigation</i> , 1982, 12:235-8 (Exhibit 155)
<i>[Signature]</i>		Gronthos, Stan et al., "Surface Protein Characterization of Human Adipose Tissue-Derived Stromal Cells," <i>Journal of Cellular Physiology</i> , 2001, 189:54-63 (Exhibit 157)
<i>[Signature]</i>		Caplan, Arnold I., "Mesenchymal Stem Cells," <i>Journal of Orthopaedic Research</i> , 1991, 9:641-50 (Exhibit 159)
<i>[Signature]</i>		Ferrari, Guilianna et al., "Muscle Regeneration by Bone Marrow-Derived Myogenic Progenitors," <i>Science</i> , 1998, 279:1528-30 (Exhibit 160)
<i>[Signature]</i>		Jaiswal, Neelam et al., "Osteogenic Differentiation of Purified, Culture-Expanded Human Mesenchymal Stem Cells In Vitro," <i>Journal of Cellular Biochemistry</i> , 1997, 64:295-312 (Exhibit 161)
<i>[Signature]</i>		Johnstone, Brian et al., "In Vitro Chondrogenesis of Bone Marrow-Derived Mesenchymal Progenitor Cells," <i>Experimental Cell Research</i> , 1998, 238:265-72 (Exhibit 162)
<i>[Signature]</i>		Pittenger, Mark F. et al., "Multilineage Potential of Adult Human Mesenchymal Stem Cells," <i>Science</i> , 1999, 284:143-7 (Exhibit 163)
<i>[Signature]</i>		Prockop, Darwin J., "Marrow Stromal Cells as Stem Cells for Nonhematopoietic Tissues," <i>Science</i> , 1997, 276:71-4 (Exhibit 164)
<i>[Signature]</i>		Tontonoz, Peter et al., "mPPAR $\gamma$ 2: tissue-specific regulator of an adipocyte enhancer," <i>Genes &amp; Development</i> , 1994, 8:1224-34 (Exhibit 165)

EXAMINER <i>Sara L. Harvey</i>	DATE CONSIDERED <i>7/22/05</i>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE